

Bid Title: Soil and Materials Testing; Annual Contract
Bid No: BC-12-16-03-11
Opening Date: Tuesday, December 16, 2003 at 2:00 P.M.

PRICE QUOTATION SHEETS

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PRICING

Tests

Soils

Standard Proctor	\$65.00/each
Modified Proctor	\$70.00/each
Atterberg Limit Analysis	\$80.00/each
Plastic Index and Liquid Limit	included with Atterberg
Percent Passing #200 Sieve	30.00/each

Grain Size Analysis

Hydrometer or Elutriation Test	\$90.00/each
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Sieve Analysis

Washed	\$30.00/each
Dry	\$25.00/each
Organic Content	\$25.00/each
PH of Soil	\$30.00/each
Limerock Bearing Ratio (3 points)	\$275.00/each
California Bearing Ratio (3 points)	\$275.00/each

Percolation Test

1 st Test (Florida method in Field)	\$150.00/each
Additional Test in same area	\$75.00/each

Drilling

2 men with mobile drill	\$10.00/Hollow Stem per foot*
	\$8.00/Auger per foot

* Plus mobilization of \$150.00/site

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Drilling (Continued)

Permeability (Laboratory)	sand - \$150.00/each clay - $k > 10^{-5}$ cm/sec. \$190.00/each clay - $k < 10^{-5}$ cm/sec. \$300.00/each
Permeability (Field)	\$200.00/each
In-Place Density (Tube)	\$20.00/each
In-Place Density (Sand Cone)	\$24.00/each
In-Place Density (Volume Meter)	\$24.00/each
Nuclear Method of Density Tests	\$20.00/each
Natural Moisture Content	\$10.00/each

Concrete-Compressive

Making, curing, testing & reporting -

Cylinder (set of 3 – includes 1 slump test)	\$65.00/set
(Additional Cylinders made)	\$9.00/each

Curing, Testing and Reporting only

(Per cylinder)	\$12.00/each
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Concrete Mix Design

1 Point	\$350.00/each
3 Points	\$850.00/each

Air Test Only Included in Design

Slump Test Only Included in Design

Yield Test Included in Design

Swiss Hammer Test per hour \$35.00/each
(Including Report)

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Concrete Mix Design (Continued)

Concrete Coring-Vertical	\$30.00 up to 4" diameter and 6" deep *
(Set of 3)	\$90.00 up to 4" diameter and 6" deep*
Concrete Coring-Horizontal	\$35.00 up to 4" diameter and 6" deep*
(Set of 3)	\$105.00 up to 4" diameter and 6" deep*
Percent Cement in Specimen	\$250.00/each

Concrete-Fleural

Making, curing, testing & reporting

Beams (Set of 3)	\$70.00/set
Curing, testing & reporting ONLY	\$20.00/each

Flexural Strength Mix Design

1 Point	\$350.00/each
3 Points	\$850.00/each

Soil Cement

Soil Cement Design

(3 points cement)	\$300.00/each
Percent Moisture Roadway	\$10.00/each

Making, Curing, Breaking & Reporting

Soil Cement Pills (Set of 3)	\$70.00/each
Filed Proctor (Standard)	\$70.00/each
Coring Soil Cement (Per Unit)	\$25.00/each
And PSI Test (Per Unit)	\$10.00/each

* Plus \$150.00 for mobilization and generator rental.
\$5.00 per additional inch cored up to 120"

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Asphalt

Mix Design

Marshall	\$600.00/each
Hubbard	\$500.00/each
Marshall Stability Check (Per Pill)	\$40.00/each
Extraction Analysis	\$110.00/each (includes gradation)
Roadway Core Density Test	
(Does not include cutting)	\$20.00/each
Roadway Core Strip	
(Set of 4)	\$100.00

Coring for Depth and Other

Minimum Charge (1 to 3 cores)	\$50.00/minimum (up to 4 inches thick)
Each Additional Core	\$25.00/each (up to 4 inches thick)

Technician Time for Stand-By \$35.00 per/hour, includes minimum charge. Hourly rate will include any requested testing, sampling or quality control observation on project location or plant site (asphalt, concrete, etc.), at no additional charge.

Note:

Charges for Soil Compaction Tests will be adjusted to test amounts based on total number of test performances:

Each Day

1 through 10 tests	\$20.00/each
10 through 20 tests	\$18.00/each
20 through 30 tests	\$16.00/each
30 through 40 tests	\$14.00/each